



Arts & Culture Kiwa Fire Safety Compliance

Exhibition spaces are designed to be inspiring, educational and enjoyable, as well as preserving our cultural heritage. We help ensure these institutions remain inspiring places to visit, whilst enhancing life safety measures.

Spanning all 0-7 RIBA stages of planning and development the Kiwa Fire Safety Compliance have over 30 years' expertise and experience delivering clear, unbiased and actionable fire safety solutions for buildings of cultural importance, often used to host the arts and entertainment.

We appreciate the balance between the requirements of life safety and the protection of these treasured buildings and their contents, so we employ a spectrum of services from comprehensive Fire Risk Assessments to subtle but effective designs for non-intrusive active fire protection systems, providing maximum protection with minimum intervention.

Fire safety is a critical component in the successful design of any new construction project. Our team of highly respected and knowledgeable Fire Engineers have helped to create many innovative and effective designs for a vast array of venues; from heritage buildings such as the Royal Albert Hall and grand theatres, to new purpose built modern art galleries, and libraries.

We are relied upon by many prestigious construction firms, architects, developers and estate managers to

“Fire protection is one of the most important investments and critical considerations that can be made on a construction project”



advise on any fire safety and fire protection issues including active and passive systems, clear evacuation plans, fire stopping systems and compartmentation.

Our independent and holistic approach to Fire Engineering and Fire Risk Management (whilst allowing your chosen developers to supply, install and maintain the fire protection systems) ensures clients receive confidential advice, based upon realistic and long-term value; ultimately helping you to create enduring venues for your staff and the thousands of visitors they entertain.

Kiwa Fire Safety Compliance's best-in-class services range from consultations, fire risk assessments and fire strategies, to smoke and evacuation modelling, construction specification and detail designs for active systems (detection, alarms and suppression).

Our capabilities include state-of-the-art CAD and industry leading knowledge of the latest standards.

Key insight and advice available from Kiwa Fire Safety Compliance includes:

- ✓ Fire Safety Strategies
- ✓ Smoke & Evacuation Modelling
- ✓ Structural Fire Engineering
- ✓ Expert Witness Testimony
- ✓ Peer Reviews
- ✓ Fire Safety Audits
- ✓ Fire Risk Assessments
- ✓ Emergency Planning
- ✓ On-Site Safety
- ✓ Engineering Assessments
- ✓ Detection & Alarm Systems
- ✓ Suppression Systems
- ✓ Fire Testing
- ✓ Fire Protection Training
- ✓ External Walls & Attachments



British Library
V & A Museum
Royal Albert Hall
Nytt Nasjonalmuseum
Southend Pier
Canterbury Journey
Somerset Heritage Centre
Whitworth Art Gallery
Tate Gallery
Tate Modern
British Museum
Whitechapel Art Gallery
Natural History Museum
National Gallery
Oslo National Museum
Downtex Mill
Leventis Art Gallery
Greenwich National Maritime Museum

ARTS & CULTURE PROJECTS
Art Galleries | Regional & National Museums
Libraries | Heritage | Theatres

NATIONAL GALLERY

Kiwa Fire Safety Compliance worked as part of the design team for the creation of a new Accommodation Hub located within the East area of the gallery between basement and roof levels. The work includes a revised fire strategy to take account of the new hub. Also detailed design work on compartmentation, detection, alarms and suppression systems that will not damage the building fabric or contents.

BLOOMSBURY THEATRE

Kiwa Fire Safety Compliance were commissioned by UCL Estates to advise on the fire safety strategy for the Bloomsbury Theatre Project. The project consists of refurbishment works and alterations. The most significant changes included: New seating and bar areas at the Lower Ground Floor; Modifications to the back-of-house areas at Upper Ground Floor and the removal of one exit from the stalls area; creation of a protected access/escape route running from the new Wilkins Terrace to Gordon Street.

ROYAL ALBERT HALL

With a major raft of enabling refurbishments for the improvement of this iconic central London performing arts venue; Kiwa Fire Safety Compliance were commissioned to provide a comprehensive engineering analysis of the building's evacuation routes during its partial closure.

Through detailed compartmentation assessments across the evacuation routes we were able to categorically evaluate the capacities, travel times. A fire safety strategy was developed against the functional requirements of Schedule 1 of the Building (Amendment) Regulations 2010, primarily targeting the safe and compliant performance of the building in the event of fire.

SOUTHEND PIER

We have worked on numerous projects at Southend Pier, targeting the safety of public users and the protection of a structure that at once is of historic significance and an unusual fire risk.

Looking primarily at the building envelopes at the pier terminal, our engineers have provided suppression system advice and designs, mitigating the restrictions of using manufacturer designers and targeting code compliance. Later, alterations to the structures required Kiwa's input to ensure the maintained AFSS would not be compromised.